

## EDUCATIONAL OCCUPANCY PLAN CORRECTION LIST

### GENERAL/ASSEMBLY CORRECTION LIST MUST BE USED IN CONJUNCTION WITH THIS LIST

#### Plans have been reviewed for compliance with the following:

- a. International Building Code (excluding Chapters 11 and 27), 2006 edition.
- b. International Fire Code, 2006 edition.
- c. International Mechanical Code, 2006 edition.
- d. NFPA 70, National Electrical Code, 2008 edition.
- e. For public buildings: Tennessee Public Building Accessibility Act, 2010 ADA Standards For Accessible Design.
- f. NFPA 101, Life Safety Code, 2006 edition.

[ a.,b.,c.,f. [Rule 0780-02-02-.01](#) ] [ d. [Rule 0780-02-01-.02](#) ] [ e. [T.C.A 68-120-204](#) ]

Correction lists are not all inclusive. See additional comments on the cover sheet.

**Please Note:** Items listed require correction by revised plans, addenda, field orders, or change orders before plans are approved for construction. Answers in letter form are *not* acceptable. **Starting construction before plans approval may be considered as just cause by the State to issue a stop work order.** [ [Rule 0780-02-03-.02\(1\)](#) ]

### Construction

1. When nonsprinklered buildings exceed length or width of 300 feet or where floor exceeds 30,000 square feet, one-hour rated fire/smoke partition compartment walls must be provided with 45-minute fire rated doors, positive latching hardware, and door closers. [NFPA 101 14.3.7.1, 8.3.4.1, and Table 8.3.4.2]
2. The area of a one story Group E building of Type II, IIIA, or IV is not limited when the building is fully sprinklered, each classroom has an exterior exit door, and the building is surrounded and adjoined by public ways or yards not less than 60 feet in width. [IBC 507.9]
3. Regardless of construction type or fire protection, laboratory units in educational occupancies must be separated from non-laboratory areas by 1-hour fire-resistance rated construction, 45-minute fire rated door assembly, and positive latching hardware with self closers. [NFPA 101 14.3.2., 8.3, and 2004 NFPA 45 5.1.3]

### Means of Egress

1. Travel distance to reach an exit must not exceed 150 feet in a nonsprinklered building or 200 feet in a fully sprinklered building. [NFPA 101 14.2.6] Education occupancies must have not less than two separate exits: (1) provided on every story and (2) accessible from every part of every story and mezzanine. [NFPA 101 14.2.4]
2. Exit access corridors must not have less than six feet of clear width. [IBC 1017.2(4.) and NFPA 101 14.2.3.2]

3. Corridors serving 30 people or more must be 1-hour fire-resistance rated construction with 20-minute fire rated door and hardware assemblies. [IBC 1017.1, Table 1017.1, and NFPA 101 14.3.6] Corridors in sprinklered building must be separated by smoke partitions as a minimum. [NFPA 101 14.3.6(2) and 8.4] Corridors may be nonrated when student occupied spaces have exterior exit doors. [IBC 1017.1(1.) and NFPA 101 14.3.6(1)]
4. Unless this building is fully sprinklered, each room 250 square feet or larger used for student activities must have an emergency window or exterior exit door. [NFPA 101 14.2.11.1]
5. Emergency windows must provide a clear opening of 20 in. in width, 24 in. in height, 5.7 square feet, and be no more than 44 in. from the floor. [NFPA 101 14.2.11.1] They must have an operable latch no more than 54 in. above the floor.
6. In school building, rooms normally occupied by pre-school, kindergarten, or first-grade pupils must be located on the level of exit discharge. Rooms normally occupied by second-grade pupils must not be located more than one story above the level of exit discharge. [NFPA 101 14.2.1.2 and 14.2.1.3]

## **Fire Suppression**

1. Throughout all Group E fire areas (see IBC 702.1) greater than 20,000 square feet in area. [IBC/IFC 903.2.2]
2. All portions of the school building below the level of exit discharge must be sprinklered. [IBC/IFC 903.2.2 and NFPA 101 14.3.5.1]

## **Electrical**

1. Educational occupancies shall be provided with a fire alarm system in accordance with Section 9.6. [NFPA 101, 14.3.4.1.1] [IBC/IFC 907.2.3]